



revised 5/4/2011 11:55:00 AM

FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:

Lined MSWLF	X	LCID		YW	X	Transfer		Compost		SLAS		COUNTY: JOHNSTON PERMIT NO.: 51-03 FILE TYPE: COMPLIANCE
Closed MSWLF	X	HHW		White goods	X	Incin		T&P		FIRM		
CDLF	X	Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Audit: April 11, 2011

Date of Last Audit: October 13, 2009

FACILITY NAME AND ADDRESS:

Johnston County MSWLF, Closed MSWLF and CDLF
680 County Home Road
Smithfield, NC 27577

GPS COORDINATES: N: 35.51113 W: 078.4298

FACILITY CONTACT NAME AND PHONE NUMBER:

Rick Proctor, Solid Waste Manager, Johnston County
919 938 4750, Cell- 919 291 9642, Fax- 919 989 7152, e mail- rick.proctor@johnstonnc.com

FACILITY CONTACT ADDRESS:

Johnston County Landfill
P.O. Box 2263
Smithfield, NC 27577

AUDIT PARTICIPANTS:

Mary Whaley, NCDENR, Solid Waste
Andrew Hammonds, NCDENR, Solid Waste
Shawn McKee, NCDENR, Solid Waste
Rick Proctor, Solid Waste Manager, Johnston County Landfill

STATUS OF PERMIT:

51-03 is a combination of facility permits 51-01 and 51-02
Active, PTO April 3, 2002
Amendment 2 (PTO) 51-03 MSW Phase 4A Cell 2 and C&D Area 1, August 1, 2005
Amendment 3 (PTO) 51-03 C&D Area 2, Cell 1, August 24, 2007
No later than April 24, 2012 subject to review

PURPOSE OF AUDIT:

Partial audit of a MSWLF and CDLF

NOTICE OF VIOLATION(S):

NONE

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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STATUS OF PAST NOTED VIOLATIONS:

NONE

AREAS OF CONCERN AND COMMENTS:

1. The working faces at the C&D and the MSW landfills were kept small and appeared to be well compacted.
2. **Cover is needed in several areas at both the C&D and the MSW landfills to prevent the exposure of waste.** This has been commented on in the previous audit. The waste must be covered with a minimum of six inches of soil and maintained until final cover is provided.
3. There was ponding water over waste to the right of the access road to the working face at the MSWLF. There was also ponding water further back to the right of the working face. Ponding areas need to be re-graded and provided with positive drainage to eliminate this from occurring.
4. There are quite a few seeps on the side slopes including Cell 5. **Areas that are weeping need to be monitored and additional cover placed over the areas to prevent leachate from flowing outside the edge of waste.**
5. There are several bare areas on side slopes including Cell 5. **The provisions for a ground cover sufficient to restrain erosion needs to be provided within 30 days.** I would recommend taking advantage of the spring planting period.
6. There is mulch piled on the northeast corner of the C&DLF that is up to 3 feet thick. Mulch used for erosion control and to promote the growth of ground cover should be no thicker than 3 inches, disc into the soil and seeded.
7. There are some minor areas of erosion that need to be repaired on some of the perimeter side slopes. I would recommend repair and seeding these areas as they are noticed to prevent further erosion.
8. There is construction of another 'seep' preventer on the northwest side of the MSW landfill. An excavator was observed and Rick Proctor said that they are installing more interceptor trenches to try and stop the numerous seeps on the side slopes of the MSW landfill.
9. There was some windblown observed, but the wind has been up to 30 MPH for the last couple of days. People were observed with trash bags picking up the windblown.
10. The C&D is lined with a single liner.
11. The Edge of Liner Markers were easily visible and appeared to be being maintained.
12. The access roads and ramps appear to be in good condition.
13. The Yard Waste area is being managed well at this time.
14. The scrap tires are kept in covered trailers and are being managed properly at this time.
15. Batteries are collected and kept on pallets at the tire area.
16. The white goods area was very clean and CFC removal appears to be kept up to date.
17. The old closed MSW did not appear to have any ponding water on it. This audit was done when the previous days had significant rain fall. In the past, it was noted that the flat surface of the old closed MSW would hold water. Rick Proctor stated that the area had been repaired. Very good.
18. The use of tarps and the "Tarpomatic" system are approved for alternative daily cover.
19. The hours of Operation are M-F, 8:00am – 4:45pm, Sat. 8:00am – 3:30pm, Sun. – Closed
20. The signage appears to be according to the rules.
21. The facility has a back up generator for leachate pumping in case of power outages.
22. Digital Pictures were taken during the audit.

Please contact me if you have any questions or concerns regarding this audit report.

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Phone: 919-693-5023.

Mary Whaley
Environmental Senior Specialist
Regional Representative

Delivered on : <u>May 4, 2011</u> by		Hand delivery	X	E Mail		Certified No. []
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cc: Mark Poindexter, Field Operations Branch Supervisor
Dennis Shackelford, Eastern District Supervisor
Donald Herndon, Compliance Officer



Seeps on the east side of Cell 5



Seep near Edge of Liner marker, Cell 5



More seeps Cell 5



Bare areas that have slight erosion and needing ground cover established

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Seep



Well maintained white goods area



Windrows of ground material at yard waste area



Well compacted and small working face at C&DLF



Water causing erosion on the north side of MSWLF,
Heading into sediment basin across access road



Surface water impounded over waste on right side of
approach road to MSWLF working face

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Exposed waste before getting to MSW working face



More exposed waste at MSWLF